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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,563	09/19/2003	Joan Morris	14920/67705	5536

26869 7590 01/27/2005

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EXAMINER

JACKSON, MONIQUE R

ART UNIT PAPER NUMBER

1773

DATE MAILED: 01/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

4R

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/666,563		MORRIS ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Monique R Jackson		1773	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 November 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) 14-30 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>10/03</u> .   | 6) <input type="checkbox"/> Other: _____                                    |

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### DETAILED ACTION

1. Applicant's election without traverse of Claims 1-13 in the reply filed on 11/8/04 is acknowledged.

2. Claims 14-30 have been withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected inventions, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 11/8/04 and 7/21/04.

### *Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zemel (USPN 5,891,289) in view of Williams et al (USPN 5,378,298) and in further view of Weissenfluh et al (USPN 5,951,801.) Zemel teach a method of transferring metal leaf, such as gold leaf, to a substrate in a desired pattern by transferring an adhesive layer in a desired pattern to a substrate and then adhering the metal leaf to the patterned adhesive in a conventional manner leaving the metal leaf upon the substrate in the desired pattern only (Abstract; Col. 2.) Though Zemel teach that any adhesive material suitable may be utilized, and preferably a pressure sensitive adhesive, Zemel does not teach utilizing a light-sensitive adhesive that is dried and then cured by light to produce the metal leaf laminate. However, Williams et al teach an improved method a producing a patterned laminate by applying a layer of light sensitive adhesive composition in liquid form to a substrate, soft baking the adhesive layer, selectively exposing the

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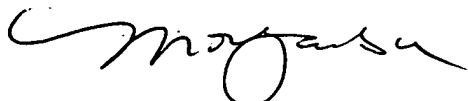
adhesive utilizing a mask to produce a desired pattern upon developing the adhesive, and then applying a second material or substrate prior to completely curing the adhesive such that the second substrate is laminated to the first substrate in the desired pattern only (Abstract; Fig.1.) Though Williams et al teach that the laminate is produced by a final thermal cure, Williams et al do note that when a conventional ultraviolet curable adhesive is utilized to produce a patterned laminate, either the part to be bonded is very small or it is transparent in order for the adhesive to be cured under the part (Col. 1, lines 40-47), wherein Weissenfluh et al specifically teach curing of the light sensitive adhesive after a metal/plastic laminate is formed wherein the plastic layer is preferably subjected to corona discharge treatment in order to improve adhesion (Claims.) Hence, one having ordinary skill in the art at the time of the invention would have been motivated to utilize a light sensitive adhesive as taught by Williams et al or Weissenfluh et al to produce the laminate taught by Zemel wherein Williams et al specifically teach utilizing a mask technique to produce a desired pattern and one skilled in the art at the time of the invention would have been motivated to utilize corona discharge treatment to improve adhesion and to determine the manner by which to expose the light sensitive adhesive and remove unexposed areas to produce the desired product.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monique R Jackson whose telephone number is 571-272-1508. The examiner can normally be reached on Mondays-Thursdays, 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Deborah Jones can be reached on 571-272-1535. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Monique R. Jackson  
Primary Examiner  
Technology Center 1700  
January 24, 2005